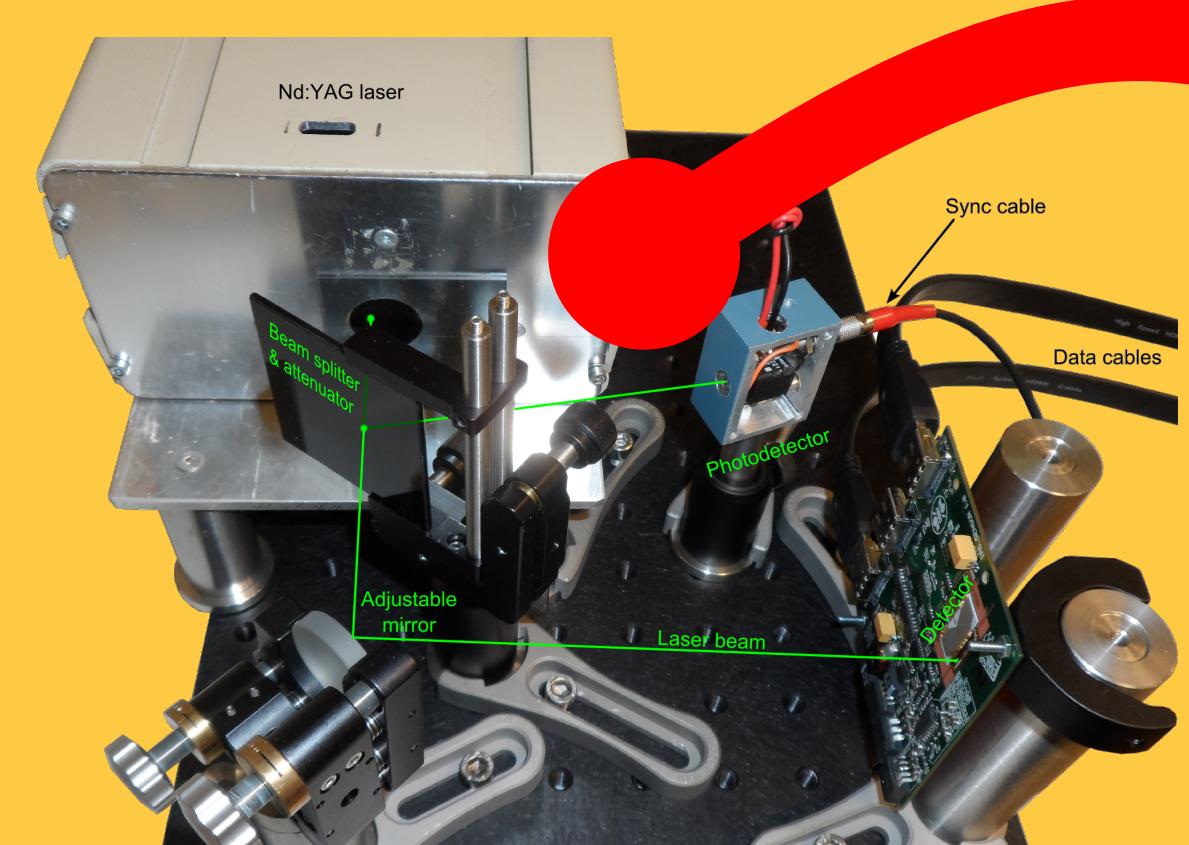


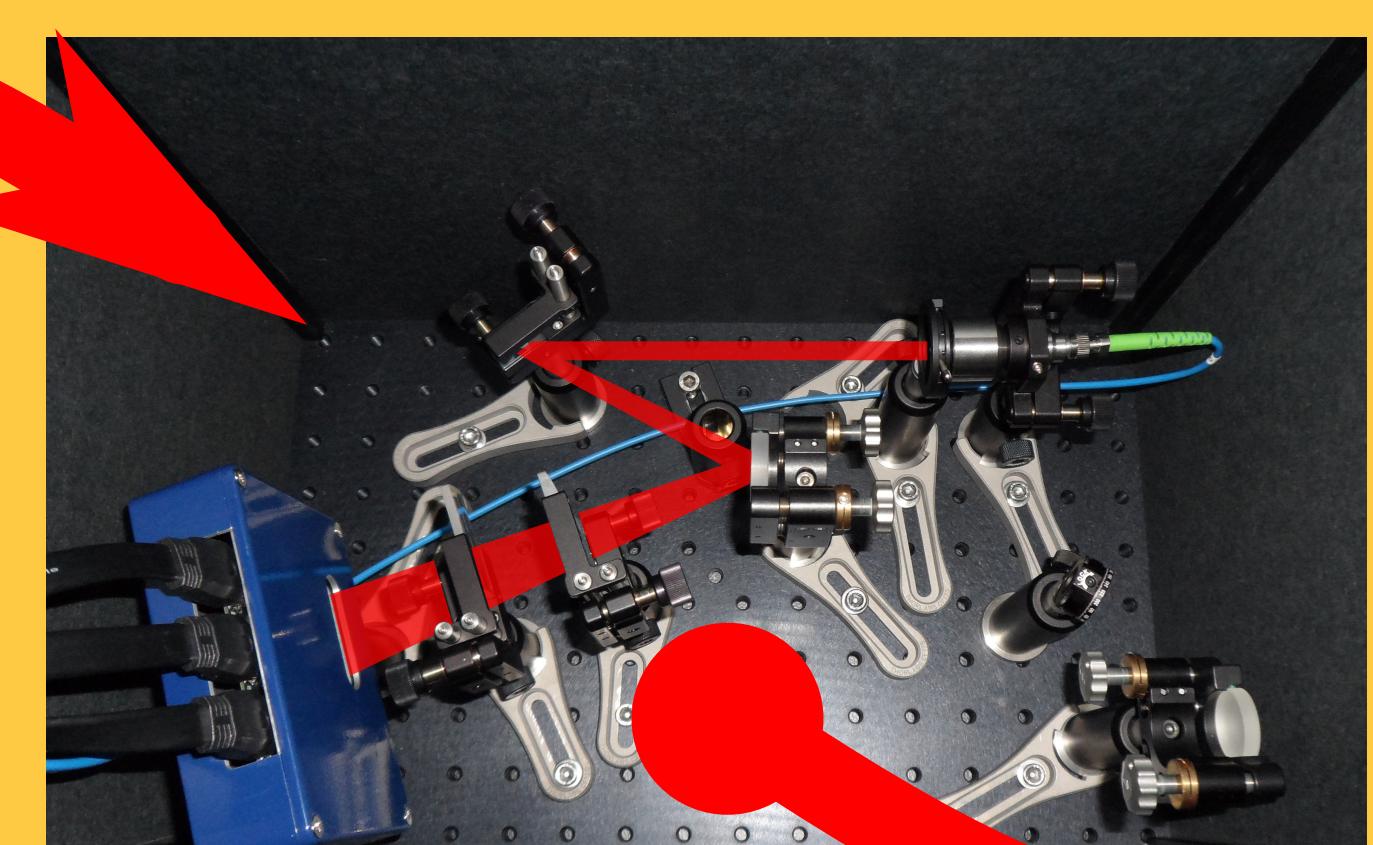
# FAST 1D DETECTOR FOR ELECTRO-OPTIC EXPERIMENT

A 1D detector design in just 3562 easy steps!

Authors:  
A. Mielczarek  
D. Makowski



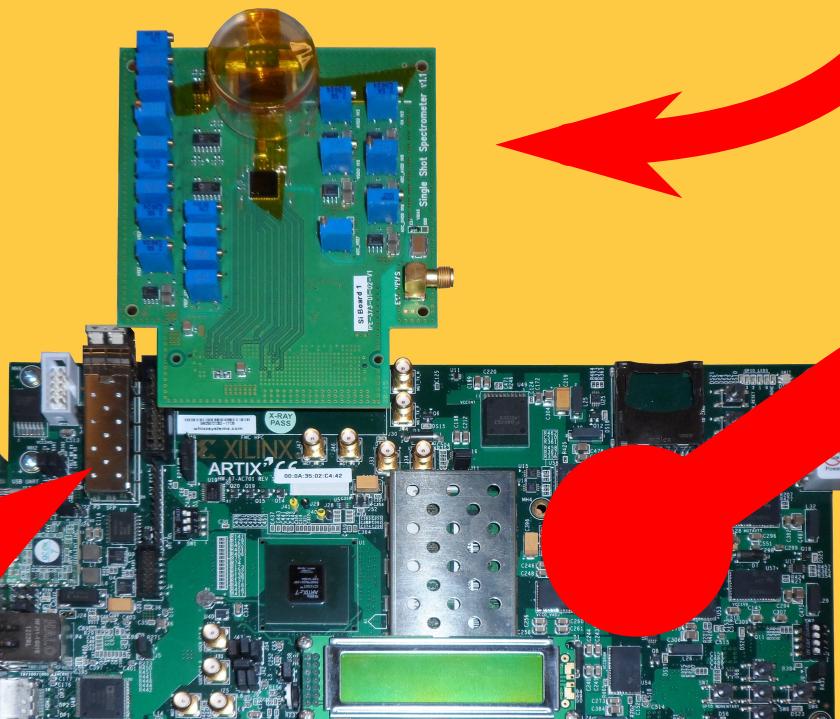
Evaluation of first linear camera based on CERN's chips



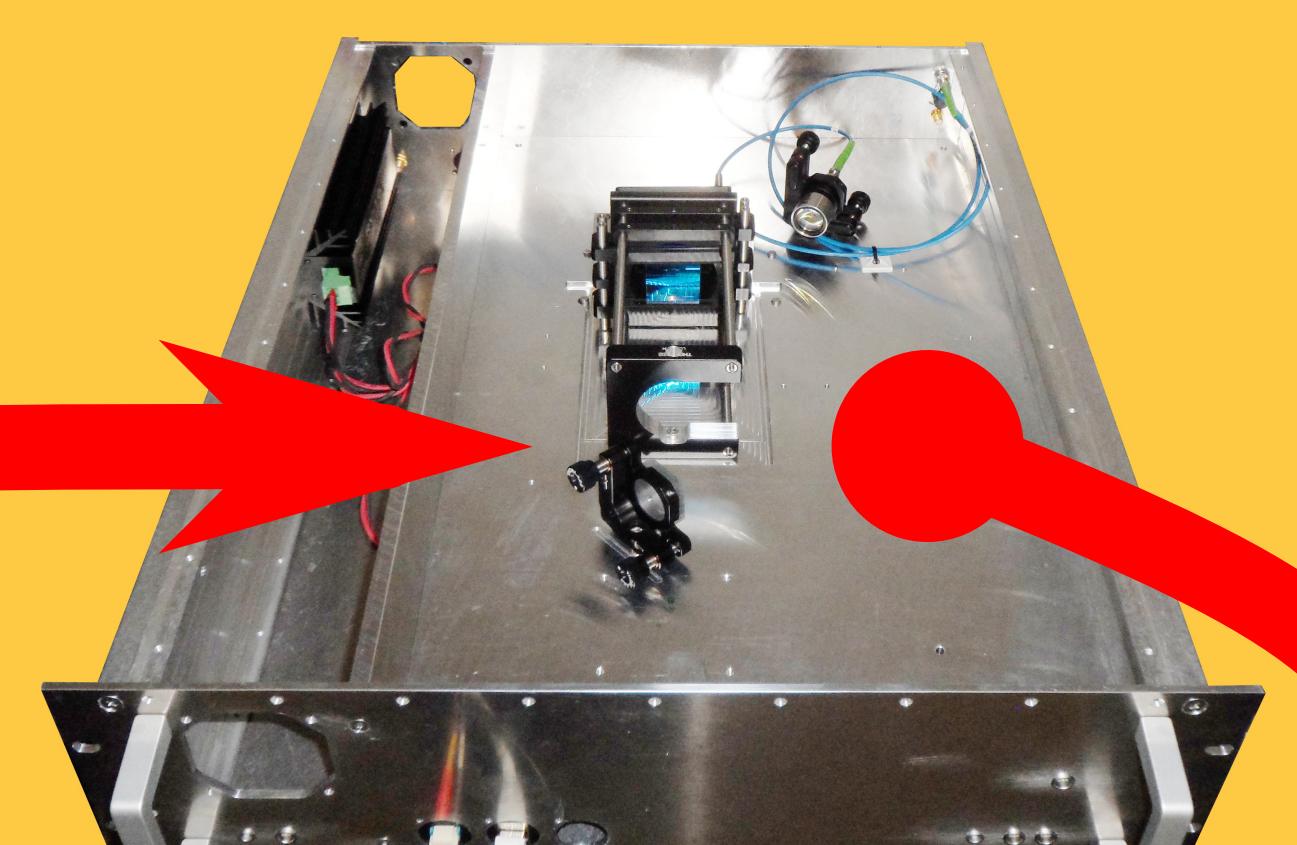
Spectrometer based on the first prototype of the 1D detector

Thanks to  
**KIT**  
Karlsruher Institut für Technologie

for detector boards  
and their know-how

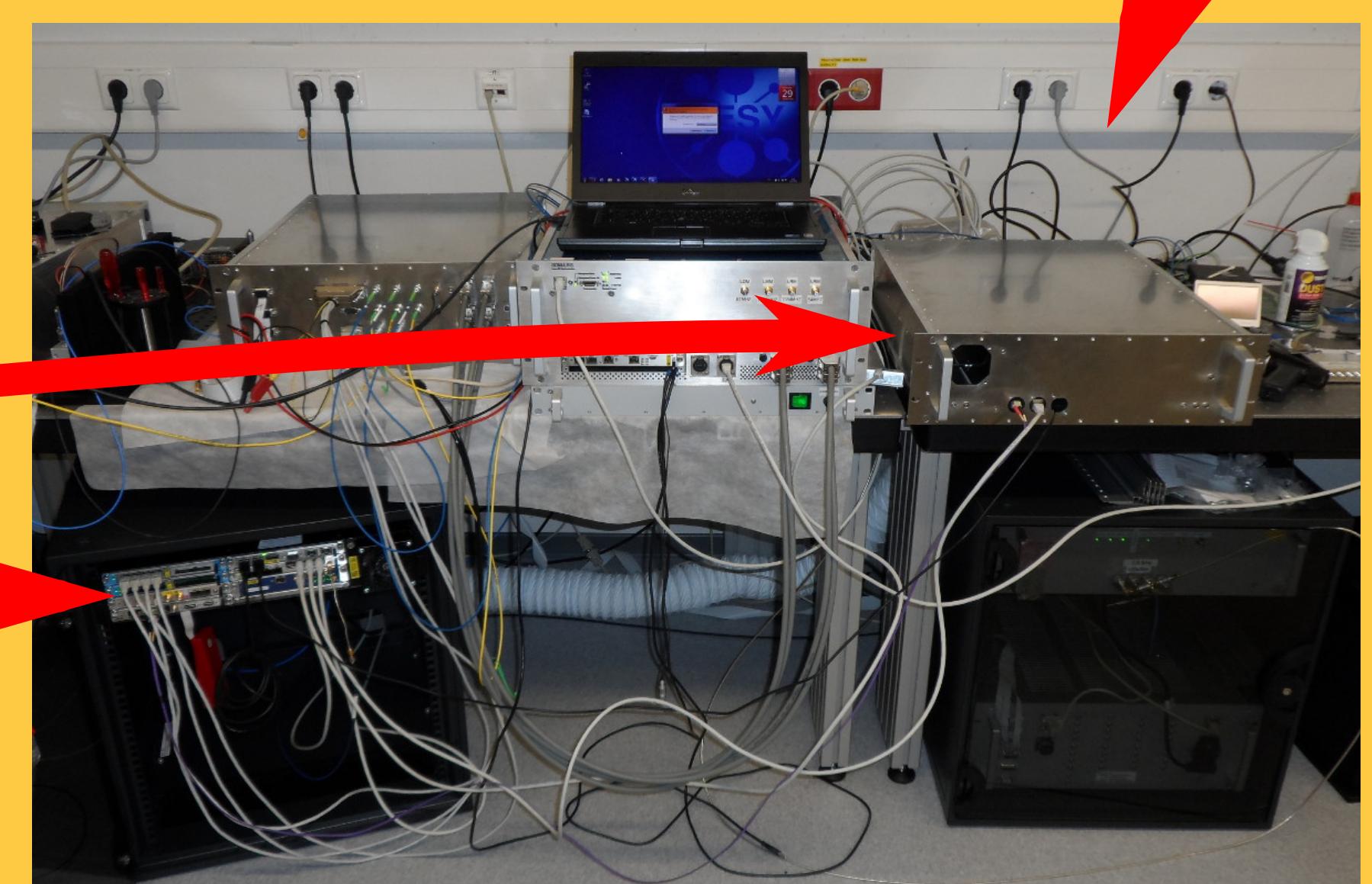
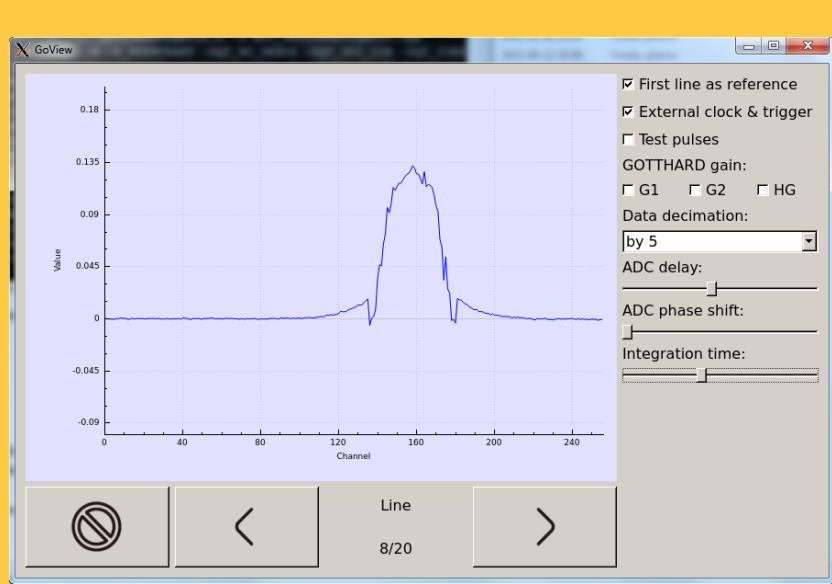
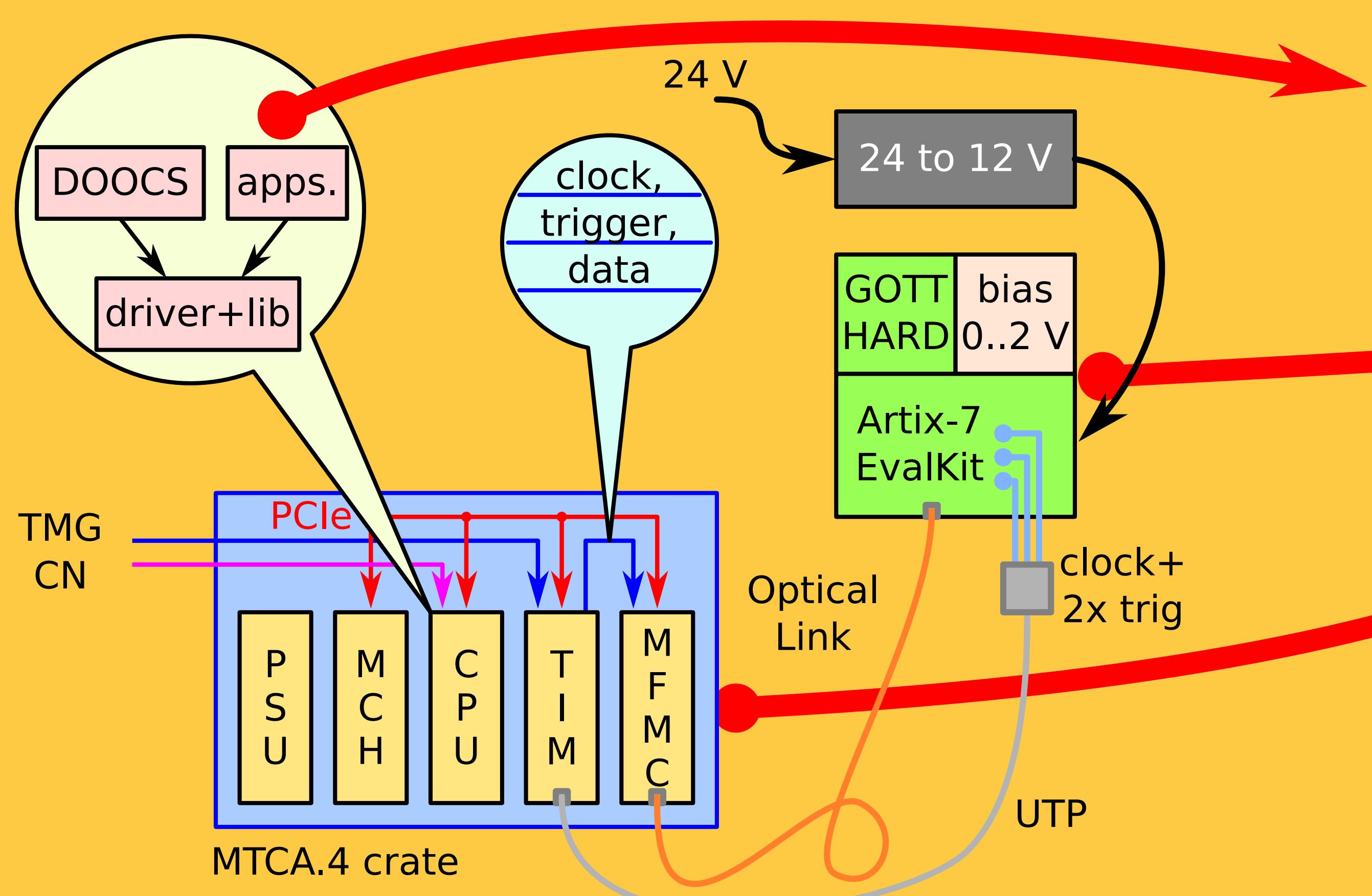


Evaluation of the 1D camera based on the KALYPSO board from KIT



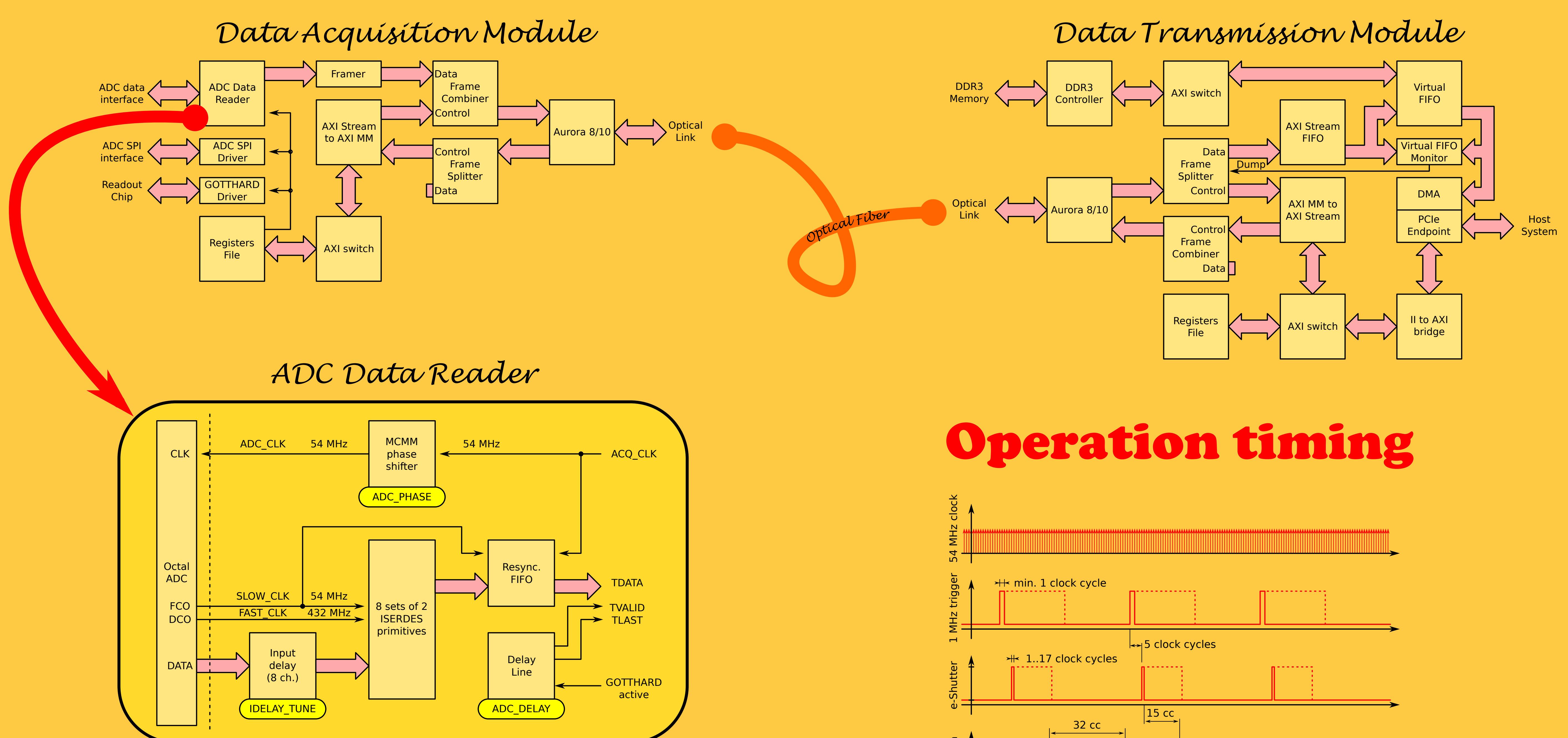
Spectrometer based on the KALYPSO board from KIT

## Spectrometer architecture



Evaluation of the spectrometer prototype

## Spectrometer FPGA firmware



## Operation timing

